ABSTRACT OF DISCLOSURE

A wireless LAN communication control method includes (a) verifying whether data remains in a queue of a Point Coordinator (PC) after a Contention-Free Period (CFP) is terminated; and (b) transmitting the data remaining in the queue of the PC in advance, *i.e.*, before entering a contention mode, in a case that the data remains in the queue as a result of the verification. Accordingly, the data sent from each station to the PC is preferentially transmitted to a destination station without contentions so that an overall system performance is improved.